

L!  
Scheiner

RECEIVED

1648

MAY 30 2002

TECH CENTER 1600/2900



1600

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/443,780B

DATE: 05/23/2002

TIME: 16:34:18

Input Set : A:\Elan20037.ST25.txt

Output Set: N:\CRF3\05232002\I443780B.raw

ENTERED

3 <110> APPLICANT: O"Mahony, Daniel J  
4 Seveso, Michela  
6 <120> TITLE OF INVENTION: Antibodies To Peptides That Target GIT Receptors And Related  
Methods  
8 <130> FILE REFERENCE: E1067/20037  
10 <140> CURRENT APPLICATION NUMBER: US 09/443,780B  
11 <141> CURRENT FILING DATE: 1999-11-19  
13 <150> PRIOR APPLICATION NUMBER: US 60/109,036  
14 <151> PRIOR FILING DATE: 1998-11-19  
16 <160> NUMBER OF SEQ ID NOS: 12  
18 <170> SOFTWARE: PatentIn version 3.1  
20 <210> SEQ ID NO: 1  
21 <211> LENGTH: 15  
22 <212> TYPE: PRT  
23 <213> ORGANISM: Artificial Sequence  
25 <220> FEATURE:  
26 <223> OTHER INFORMATION: Random peptide  
28 <220> FEATURE:  
29 <221> NAME/KEY: MISC\_FEATURE  
30 <222> LOCATION: (1)..(1)  
31 <223> OTHER INFORMATION: Linked to dansyl group  
34 <400> SEQUENCE: 1  
36 Thr Asn Ala Lys His Ser Ser His Asn Arg Arg Leu Arg Thr Arg  
37 1 5 10 15  
40 <210> SEQ ID NO: 2  
41 <211> LENGTH: 20  
42 <212> TYPE: PRT  
43 <213> ORGANISM: Artificial Sequence  
45 <220> FEATURE:  
46 <223> OTHER INFORMATION: Random peptide  
48 <220> FEATURE:  
49 <221> NAME/KEY: MISC\_FEATURE  
50 <222> LOCATION: (1)..(1)  
51 <223> OTHER INFORMATION: Linked to dansyl group  
54 <400> SEQUENCE: 2  
56 Ser Asp Asn Ala Lys Glu Pro Gly Asp Tyr Asn Cys Cys Gly Asn Gly  
57 1 5 10 15  
60 Asn Ser Thr Gly  
61 20  
64 <210> SEQ ID NO: 3  
65 <211> LENGTH: 16  
66 <212> TYPE: PRT  
67 <213> ORGANISM: Artificial Sequence  
69 <220> FEATURE:

RECEIVED

MAY 30 2002

TECH CENTER 1600/2900

## RAW SEQUENCE LISTING

DATE: 05/23/2002

PATENT APPLICATION: US/09/443,780B

TIME: 16:34:18

Input Set : A:\Elan20037.ST25.txt

Output Set: N:\CRF3\05232002\I443780B.raw

```

70 <223> OTHER INFORMATION: Random peptide
72 <220> FEATURE:
73 <221> NAME/KEY: MISC_FEATURE
74 <222> LOCATION: (1)..(1)
75 <223> OTHER INFORMATION: Linked to dansyl group
78 <220> FEATURE:
79 <221> NAME/KEY: MISC_FEATURE
80 <222> LOCATION: (2)..(2)
81 <223> OTHER INFORMATION: D-amino acid
84 <220> FEATURE:
85 <221> NAME/KEY: MISC_FEATURE
86 <222> LOCATION: (6)..(6)
87 <223> OTHER INFORMATION: D-amino acid
90 <220> FEATURE:
91 <221> NAME/KEY: MISC_FEATURE
92 <222> LOCATION: (10)..(10)
93 <223> OTHER INFORMATION: D-amino acid
96 <220> FEATURE:
97 <221> NAME/KEY: MISC_FEATURE
98 <222> LOCATION: (12)..(13)
99 <223> OTHER INFORMATION: D-amino acid
102 <400> SEQUENCE: 3
104 Thr Arg Lys Ser Ser Arg Ser Asn Pro Arg Gly Arg Arg His Pro Gly
105 1 5 10 15
108 <210> SEQ ID NO: 4
109 <211> LENGTH: 36
110 <212> TYPE: PRT
111 <213> ORGANISM: Artificial Sequence
113 <220> FEATURE:
114 <223> OTHER INFORMATION: Random peptide
116 <400> SEQUENCE: 4
118 Ser Asp His Ala Leu Gly Thr Asn Leu Arg Ser Asp Asn Ala Lys Glu
119 1 5 10 15
122 Pro Gly Asp Tyr Asn Cys Cys Gly Asn Gly Asn Ser Thr Gly Arg Lys
123 20 25 30
126 Val Phe Asn Arg
127 35
130 <210> SEQ ID NO: 5
131 <211> LENGTH: 29
132 <212> TYPE: PRT
133 <213> ORGANISM: Artificial sequence
135 <220> FEATURE:
136 <223> OTHER INFORMATION: Random peptide
138 <400> SEQUENCE: 5
140 Asn Leu Arg Ser Asp Asn Ala Lys Glu Pro Gly Asp Tyr Asn Cys Cys
141 1 5 10 15
144 Gly Asn Gly Asn Ser Thr Gly Arg Lys Val Phe Asn Arg
145 20 25
148 <210> SEQ ID NO: 6

```

## RAW SEQUENCE LISTING

DATE: 05/23/2002

PATENT APPLICATION: US/09/443,780B

TIME: 16:34:18

Input Set : A:\Elan20037.ST25.txt

Output Set: N:\CRF3\05232002\I443780B.raw

```

149 <211> LENGTH: 20
150 <212> TYPE: PRT
151 <213> ORGANISM: Artificial Sequence
153 <220> FEATURE:
154 <223> OTHER INFORMATION: Random sequence
156 <400> SEQUENCE: 6
158 Ser Asp Asn Ala Lys Glu Pro Gly Asp Tyr Asn Cys Cys Gly Asn Gly
159 1          5          10          15
162 Asn Ser Thr Gly
163          20
166 <210> SEQ ID NO: 7
167 <211> LENGTH: 40
168 <212> TYPE: PRT
169 <213> ORGANISM: Artificial Sequence
171 <220> FEATURE:
172 <223> OTHER INFORMATION: Random peptide
174 <400> SEQUENCE: 7
176 Ser Thr Pro Pro Ser Arg Glu Ala Tyr Ser Arg Pro Tyr Ser Val Asp
177 1          5          10          15
180 Ser Asp Ser Asp Thr Asn Ala Lys His Ser Ser His Asn Arg Arg Leu
181          20          25          30
184 Arg Thr Arg Ser Arg Pro Asn Gly
185          35          40
188 <210> SEQ ID NO: 8
189 <211> LENGTH: 15
190 <212> TYPE: PRT
191 <213> ORGANISM: Artificial Sequence
193 <220> FEATURE:
194 <223> OTHER INFORMATION: Cyclic (internal) random peptide
196 <400> SEQUENCE: 8
198 Thr Asn Ala Lys His Ser Ser Cys Asn Arg Arg Leu Arg Cys Arg
199 1          5          10          15
202 <210> SEQ ID NO: 9
203 <211> LENGTH: 15
204 <212> TYPE: PRT
205 <213> ORGANISM: Artificial Sequence
207 <220> FEATURE:
208 <223> OTHER INFORMATION: Cyclic (internal) random peptide
210 <400> SEQUENCE: 9
212 Thr Asn Ala Lys His Ser Ser Cys Asn Arg Arg Cys Arg Thr Arg
213 1          5          10          15
216 <210> SEQ ID NO: 10
217 <211> LENGTH: 41
218 <212> TYPE: PRT
219 <213> ORGANISM: Artificial Sequence
221 <220> FEATURE:
222 <223> OTHER INFORMATION: Random peptide
224 <400> SEQUENCE: 10
226 Ser Ala Arg Asp Ser Gly Pro Ala Glu Asp Gly Ser Arg Ala Val Arg

```

## RAW SEQUENCE LISTING

DATE: 05/23/2002

PATENT APPLICATION: US/09/443,780B

TIME: 16:34:18

Input Set : A:\Elan20037.ST25.txt

Output Set: N:\CRF3\05232002\I443780B.raw

```

227 1          5          10          15
230 Leu Asn Gly Val Glu Asn Ala Asn Thr Arg Lys Ser Ser Arg Ser Asn
231          20          25          30
234 Pro Arg Gly Arg Arg His Pro Gly Gly
235          35          40
238 <210> SEQ ID NO: 11
239 <211> LENGTH: 16
240 <212> TYPE: PRT
241 <213> ORGANISM: Artificial Sequence
243 <220> FEATURE:
244 <223> OTHER INFORMATION: Random peptide
246 <220> FEATURE:
247 <221> NAME/KEY: MISC_FEATURE
248 <222> LOCATION: (6)..(6)
249 <223> OTHER INFORMATION: D-amino acid
252 <220> FEATURE:
253 <221> NAME/KEY: MISC_FEATURE
254 <222> LOCATION: (12)..(12)
255 <223> OTHER INFORMATION: D-amino acid
258 <400> SEQUENCE: 11
260 Thr Arg Lys Ser Ser Arg Ser Asn Pro Arg Gly Arg Arg His Pro Gly
261 1          5          10          15
264 <210> SEQ ID NO: 12
265 <211> LENGTH: 16
266 <212> TYPE: PRT
267 <213> ORGANISM: Artificial Sequence
269 <220> FEATURE:
270 <223> OTHER INFORMATION: Random peptide, D form, retroinversion
272 <220> FEATURE:
273 <221> NAME/KEY: MISC_FEATURE
274 <222> LOCATION: (1)..(16)
275 <223> OTHER INFORMATION: D-amino acid
278 <400> SEQUENCE: 12
280 Gly Pro His Arg Arg Gly Arg Pro Asn Ser Arg Ser Ser Lys Arg Thr
281 1          5          10          15

```

VERIFICATION SUMMARY

DATE: 05/23/2002

PATENT APPLICATION: US/09/443,780B

TIME: 16:34:19

Input Set : A:\Elan20037.ST25.txt

Output Set: N:\CRF3\05232002\I443780B.raw